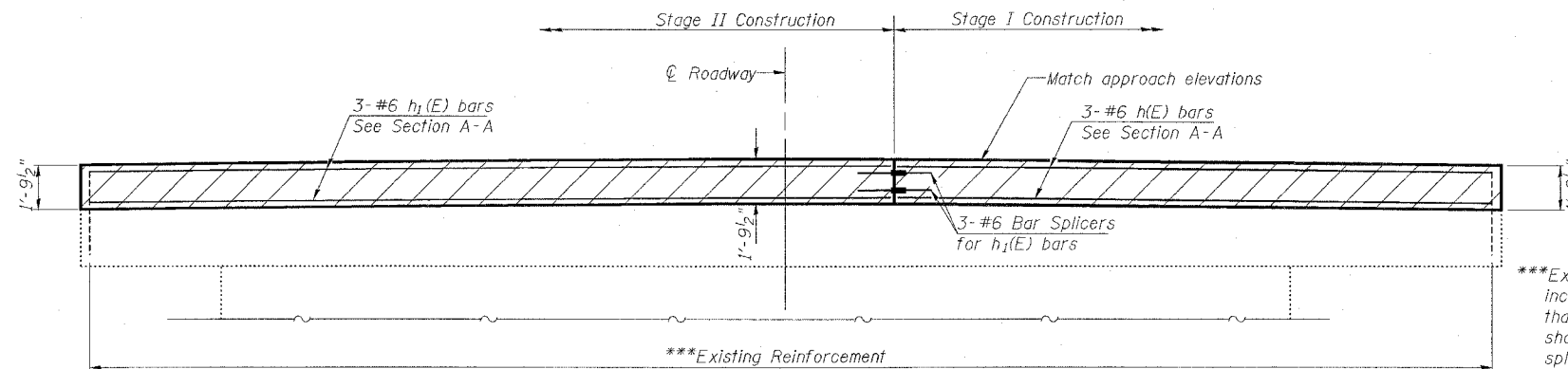


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 819	101BR-3	WASHINGTON	20	20
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

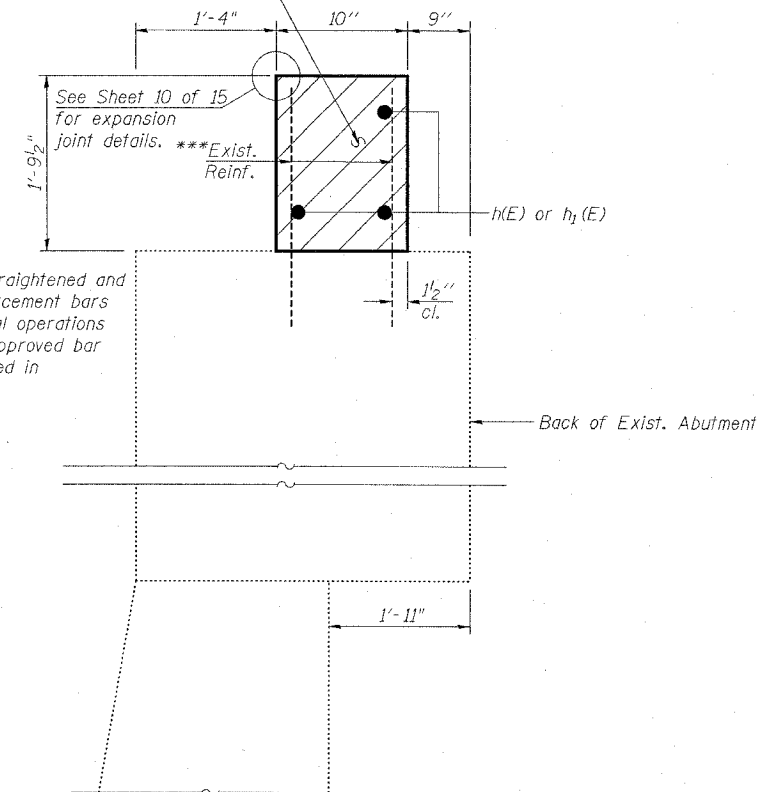
SHEET NO. 11
15 SHEETS

CONTRACT NO. 75964

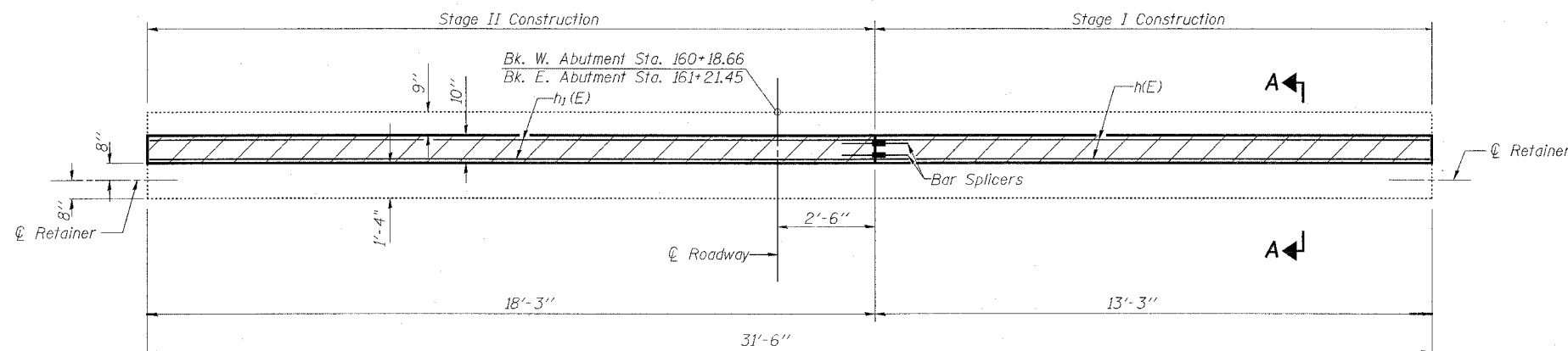
Hatched block is to be poured after beams have been erected and joints grouted. Ends of beams shall be aligned at the Abutments, any lineal variations in the beam lengths shall be placed at the Pier.



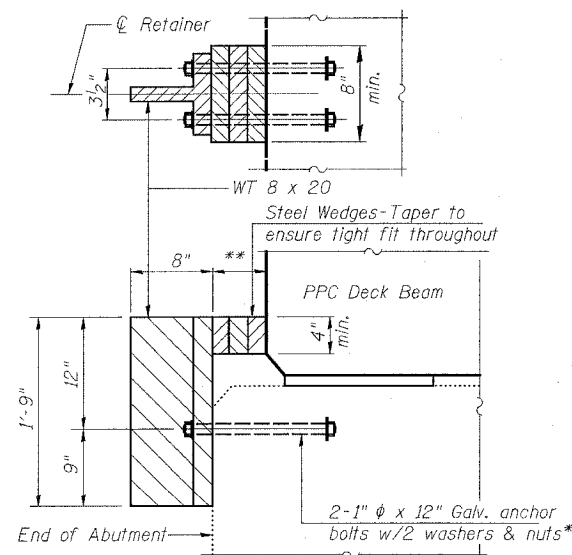
ELEVATION
Looking West at West Abutment
East Abutment Similar by opposite hand



SECTION A-A



PLAN



RETAINER DETAILS

**Dimensions = 3" without consideration of tolerance in beam widths

*Anchor bolts shall be approved threaded rods placed in drilled holes and grouted in place. Cost of retainer and accessories are included with Precast Prestressed Concrete Deck Beams.

BILL OF MATERIAL-TWO ABUTMENTS

Bar	No.	Size	Length (ft)	Shape
h(E)	6	#6	13'-0"	
h1(E)	6	#6	18'-0"	
Reinforcement Bars, Epoxy Coated			Pound	280
Bar Splicers			Each	6
Concrete Structures			Cu. Yd.	3.5

NOTES

Install side retainer at end of abutment in each stage before grouting the beam shear keys. After the block out has cured the side retainer shall be removed. Anchor bolts may be left in place.

The side retainers shall be galvanized after shop fabrication according to AASHTO M111 and ASTM 385.
Reinforcement bars designated (E) shall be epoxy coated.

ILLINOIS DEPARTMENT OF TRANSPORTATION			
ABUTMENTS			
PROJECT	IL RTE 177 OVER GRAND POINT CRK	PROJECT NO.	05028-4
FAS ROUTE 819 SECTION 101BR-3		DATE	05/09/06
WASHINGTON COUNTY		DESIGNED BY	TFC
STATION 160+70.00		CHECKED BY	CME/MCB
STRUCTURE NUMBER 095-0021		DRAWN BY	
COOMBE-BLOXDORF P.C.		11	
Engineers/Land Surveyors		OF 15 SHTS	
Springfield, Illinois			
Design Firm License No. 184-002703			